

University of Groningen

Modification of Supramolecular Binding Motifs Induced By Substrate Registry

Fendt, Leslie-Anne; Stöhr, Meike; Wintjes, Nikolai; Enache, Mihaela; Jung, Thomas A.;
Diederich, François

Published in:
Chemistry

DOI:
[10.1002/chem.200901502](https://doi.org/10.1002/chem.200901502)

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version
Publisher's PDF, also known as Version of record

Publication date:
2009

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Fendt, L.-A., Stöhr, M., Wintjes, N., Enache, M., Jung, T. A., & Diederich, F. (2009). Modification of Supramolecular Binding Motifs Induced By Substrate Registry: Formation of Self-Assembled Macrocycles and Chain-Like Patterns. *Chemistry*, 15(42), 11139-11150. <https://doi.org/10.1002/chem.200901502>

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

CHEMISTRY

A EUROPEAN JOURNAL

Supporting Information

© Copyright Wiley-VCH Verlag GmbH & Co. KGaA, 69451 Weinheim, 2009

Modification of Supramolecular Binding Motifs Induced By Substrate Registry: Formation of Self-Assembled Macrocycles and Chain-Like Patterns

Leslie-Anne Fendt*,^[a] Meike Stöhr,*^[b] Nikolai Wintjes,^[b] Mihaela Enache,^[b] Thomas Jung,*^[c] François Diederich*^[a]

^[a] L.-A. Fendt, Prof. Dr. F. Diederich

Laboratorium für Organische Chemie, HCI, ETH Zürich

8093 Zürich (Switzerland)

Fax: (+41)44-632-1109

E-mail: fendt@org.chem.ethz.ch

diederich@org.chem.ethz.ch

^[b] Dr. M. Stöhr, Dr. N. Wintjes, M. Enache

Department of Physics, University of Basel

4056 Basel (Switzerland)

Fax: (+41)61-267-3784

E-mail: meike.stoehr@unibas.ch

^[c] Dr. T. A. Jung

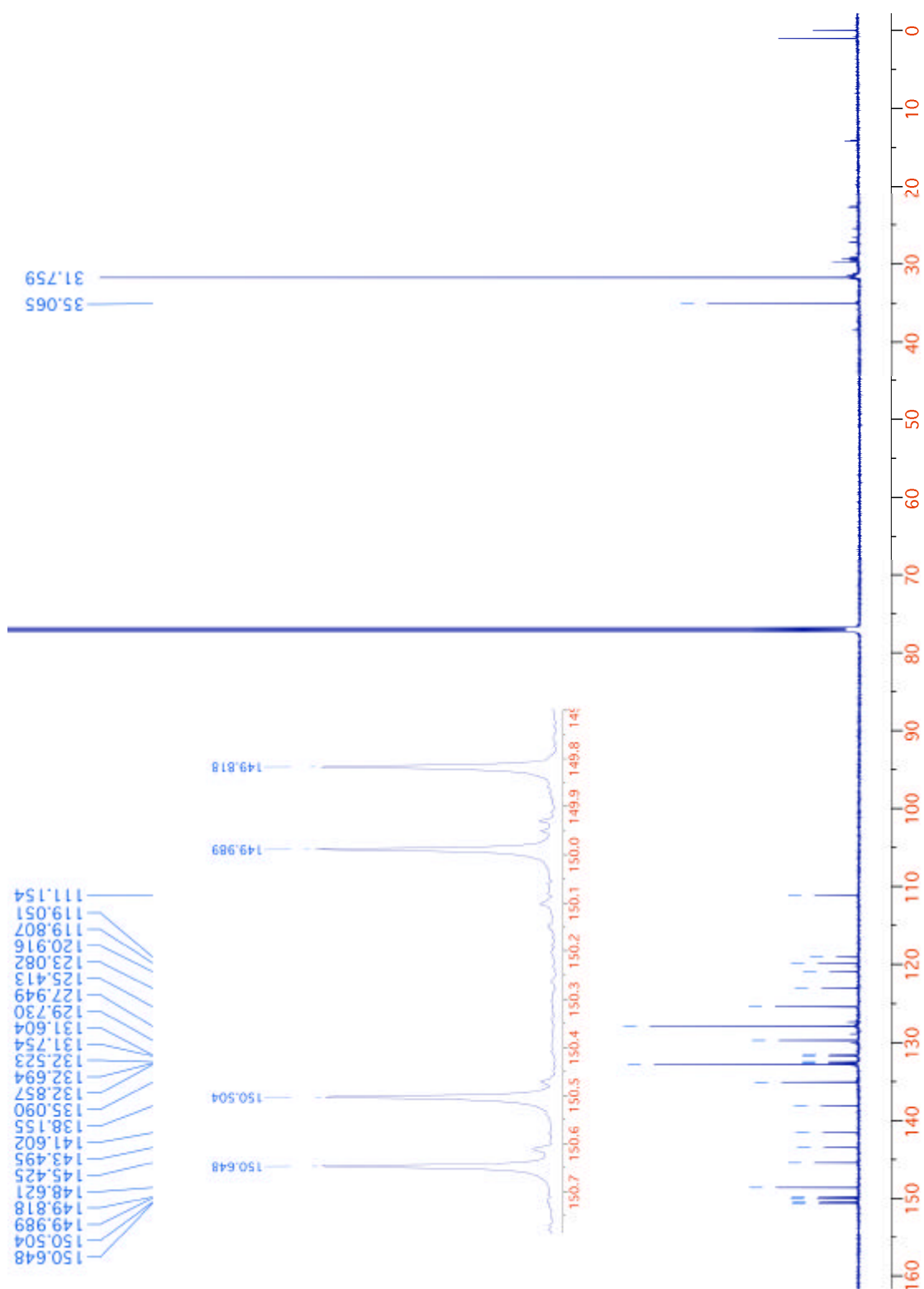
Laboratory for Micro- and Nanotechnology

Paul Scherrer Institute

5232 Villigen PSI (Switzerland)

Fax: (+41)56-310-2646

E-mail: thomas.jung@psi.ch



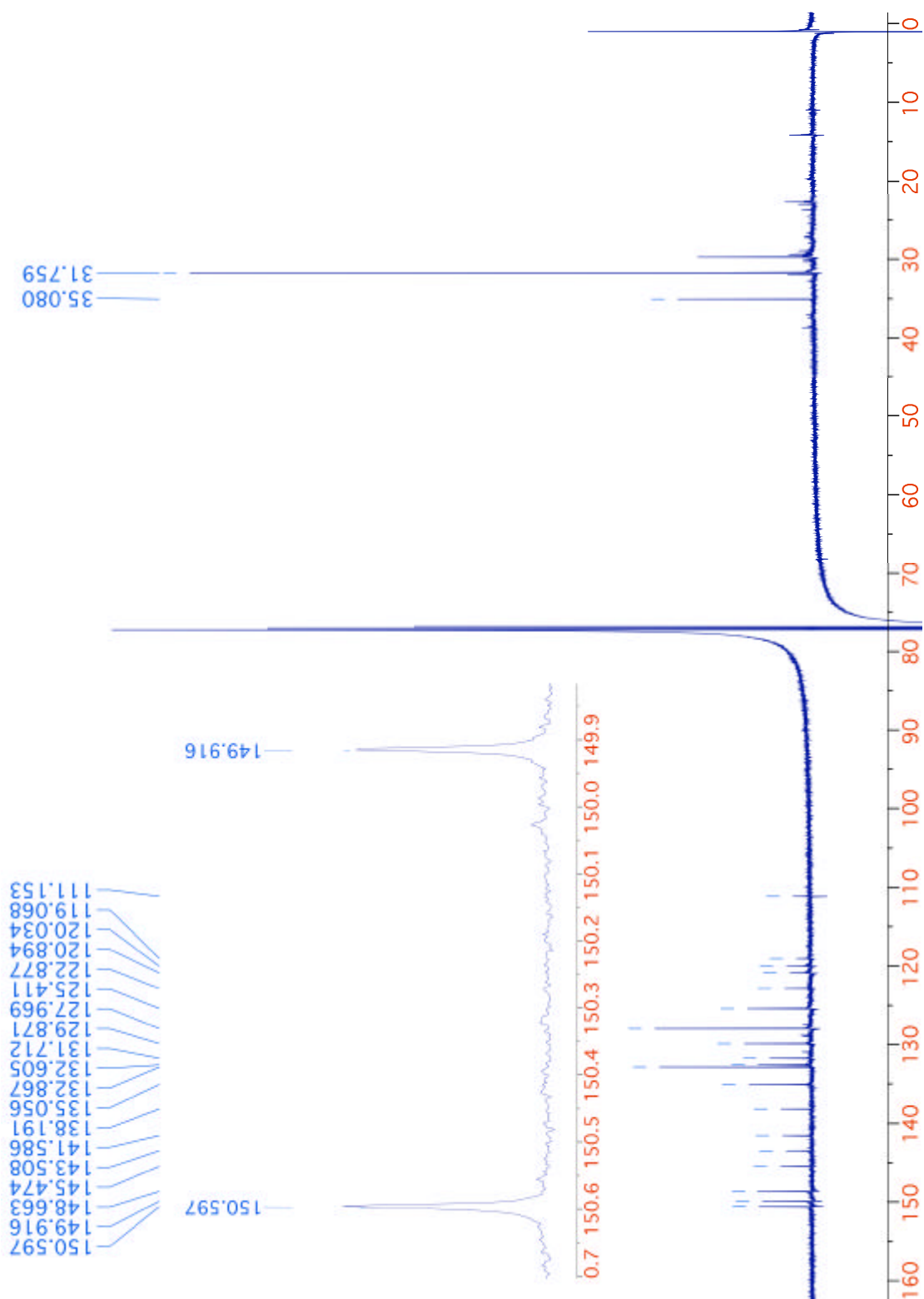


Figure SI2. ^{13}C NMR (CDCl_3 , 150 MHz) spectrum of *trans*-isomer **2** with a blow-up of the two **a**-carbon signals.

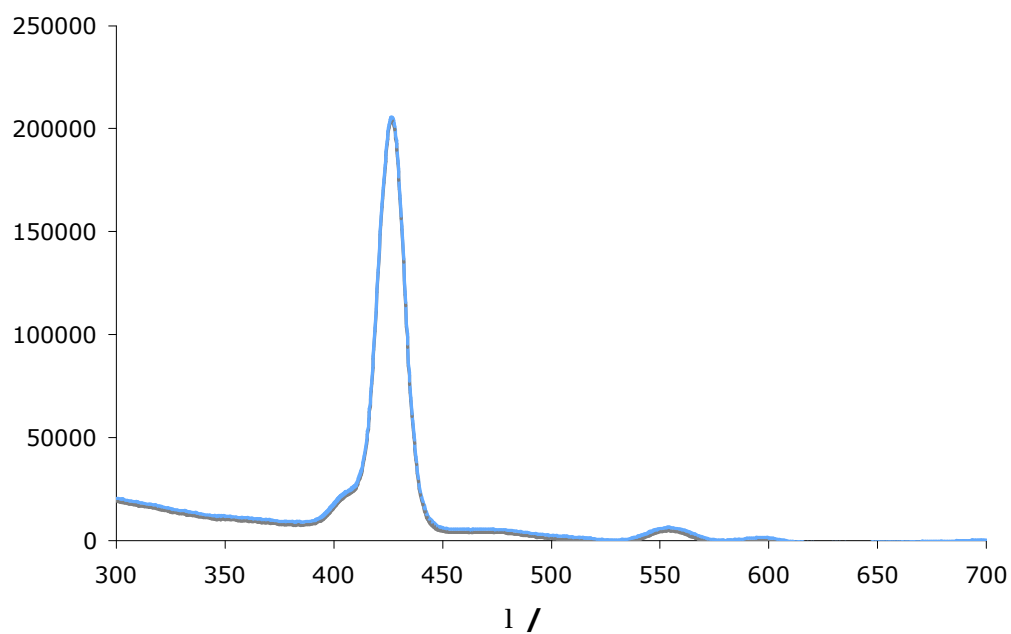


Figure SI3. UV/Vis spectrum of *cis*-isomer **1** recorded in CHCl_3 .

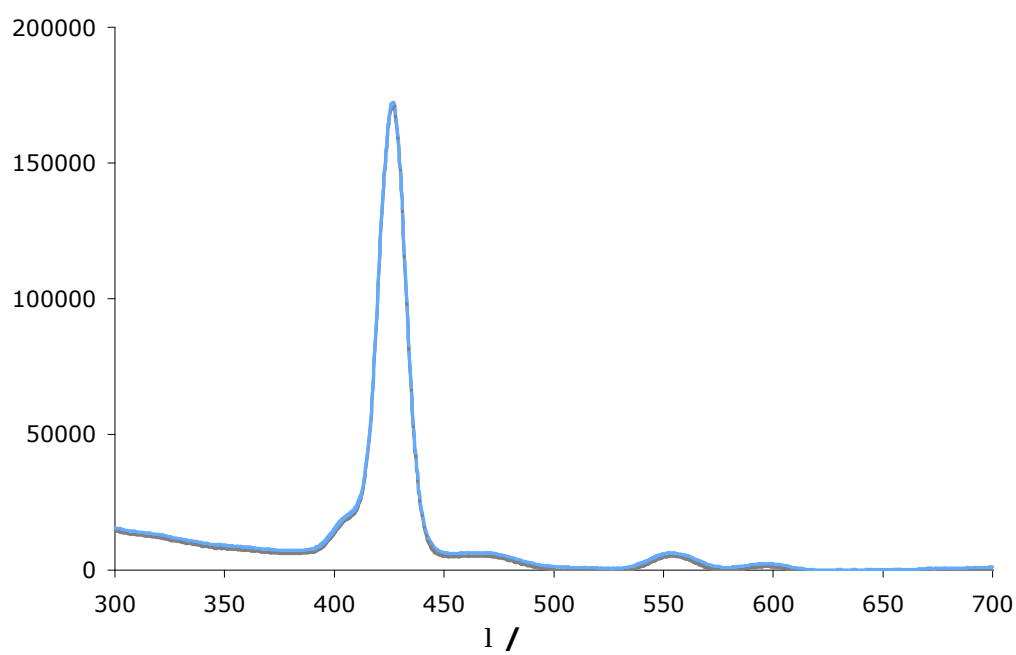


Figure SI4. UV/Vis spectrum of *trans*-isomer **2** recorded in CHCl_3 .